

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 7 AND ABINGDON ROAD IN HARFORD COUNTY. MD 7 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

CONTROLLER OPERATION

AN EXISTING EIGHT-PHASE, FULLY ACTUATED NEMA CONTROLLER HOUSED IN A POLE MOUNTED CABINET WILL BE USED. THE INTERSECTION OPERATION WILL REMAIN THE SAME.

PHASE CHART

PHASING WILL NOT CHANGE

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO DOTS FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
1001	LS	MAINTENANCE OF TRAFFIC
8016	2 EA	FURNISH AND INSTALL MICRO-LOOP PROBE WITH 500 FT. LEAD-IN
8021	300 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
8023	30 LF	FURNISH AND INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8024	35 LF	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT-TRENCHED
8026	70 LF	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT-BORED
8027	400 LF	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT-TRENCHED
8029	60 LF	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT-BORED
8032	70 LF	FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT-BORED
8033	7 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8034	2 EA	FURNISH AND INSTALL GROUND ROD 3/4 IN. DIAMETER X 10 FT.
8040	880 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN 1/4 IN. FLEXIBLE TUBING (NO. 14 A.W.G.)
8041	1050 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHEILDED)
8044	630 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)
8045	550 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)
8046	260 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 A.W.G.)
8048	230 LF	FURNISH AND INSTALL NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE
8060	LS	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
8061	2 EA	FURNISH AND INSTALL CONDUIT BEND INTO EXISTING BASE

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY SHA AND INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

CONTACT PERSONS FOR DISTRICT 4 ARE AS FOLLOWS:

MR. DAVID MALKOWSKI DISTRICT ENGINEER (410) 321-2810	MR. JOSEPH MCMAHON ASSISTANT DISTRICT ENGINEER - UTILITIES (410) 321-2841
MR. RANDALL SCOTT ASSISTANT DISTRICT ENGINEER - TRAFFIC (410) 321-2781	MR. DAVE RAMSEY ASSISTANT DISTRICT ENGINEER - MAINTENANCE (410) 321-2761

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

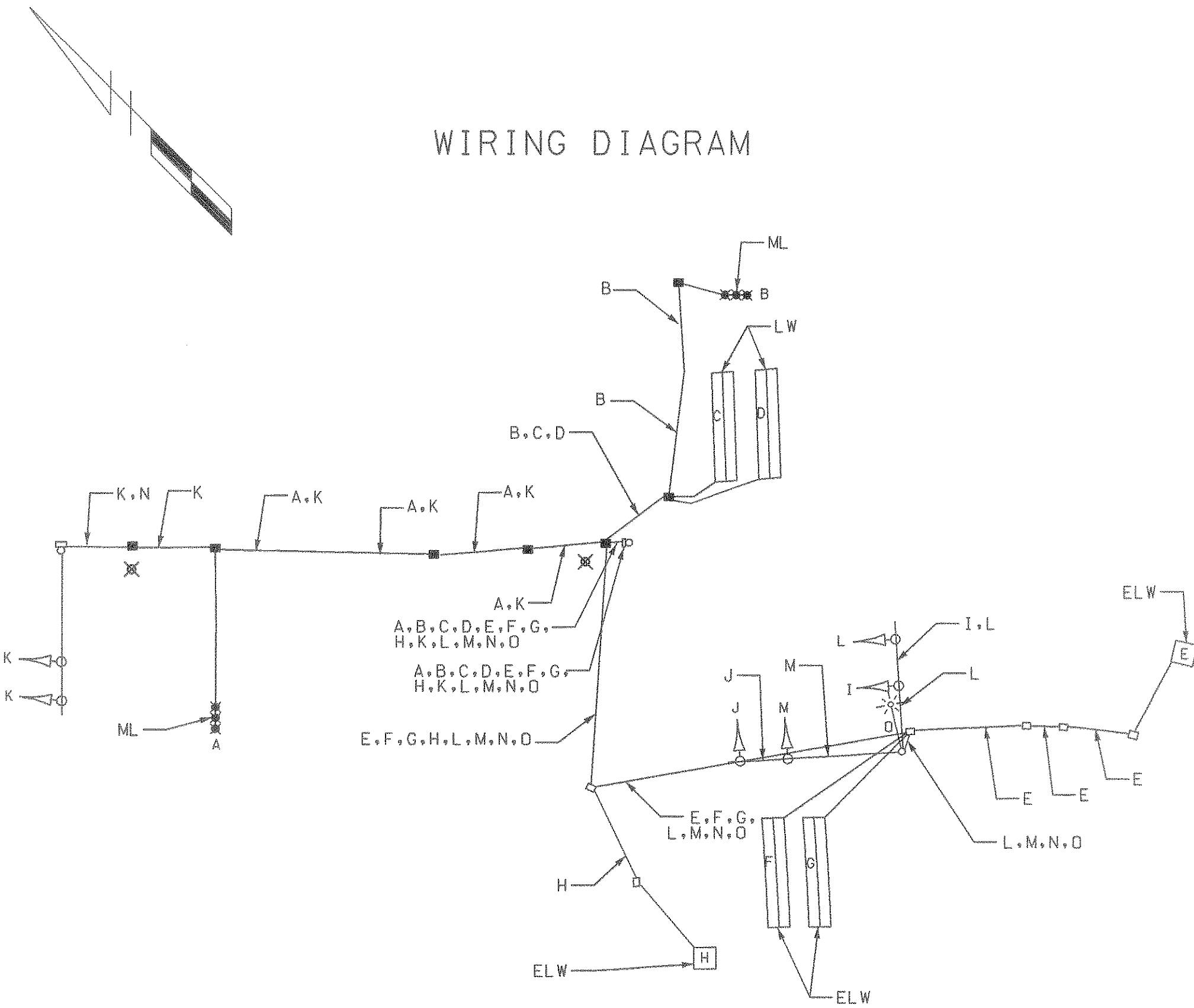
MR. RICHARD DAFF SR. CHIEF, TRAFFIC OPERATIONS (410) 787-7630	MR. EUGENE BAILEY TEAM LEADER SIGN OPERATIONS (410) 787-7676
MR. ROBERT SNYDER ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS (410) 787-7631	MR. DAVID SCHWARTZ SUPPLY OFFICE IV (SIGNAL SHOP WAREHOUSE) (410) 787-7668
MR. ED RODENHIZER TEAM LEADER SIGNAL OPERATIONS (410) 787-7652	

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

NOTE: ALL SIGNAL EQUIPMENT AND MATERIAL TO BE REMOVED NOT LISTED ABOVE SHALL BECOME THE PROPERTY OF THE CONTRACTOR



A-B	MICRO-LOOP PROBE	LW	LOOP WIRE (NO. 14 A.W.G.)
C-H	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.) ALUMINUM SHIELDED	ELW	EXISTING LOOP WIRE (NO. 14 A.W.G.)
I-K	5 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	ML	MICRO-LOOP PROBE
L-M	7 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	X	GROUND ROD
N	STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)		
O	2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)		



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
MD 7 AT ABINGDON ROAD

DRAWN BY: T. ZAYDEL	F.A.P. NO.	TS NO. 2066C GI	SHEET NO. 2 OF 2
CHECKED BY: K. SCHMID	S.H.A. NO.	T.L.M.S. NO. E894	
SCALE: NONE	COUNTY: HARFORD		
DATE: 7-11-01	LOG MILE: 12000706.16		